KARA, Antal, okleveles villamosmernok, fotechnologus

Structural change on the 30 kv bushing insulators. Elektrotehnika 53 no.5/6:243-246 '60.

1. Villamos Eromu Tervezo es Szerelo Vallalat.

KARA, Antal, okleveles villamosmernok

Investigation of the detachable rail bonds in switchgears.
Villamossag 12 no. 2: 38-46 F '64.

KARA, Antal, okleveles villamosmernok

A new working method of secondary electric fitting. Villamossag 8 no.1:4-11 Ja '60.

1. Villamosiparmu Tervezo es Szerelo Vallalat.

KARA, Antal, okleveles villamosmernok

Hungarian experiences with the manufacture of lightning arrester tubes. Villamossag" 8 no.8/9:265-268 Ag-S '60.

1. Villamos Eromu Tervezo es Szerelo Vallalat fotechnologusa.

KARA, D.N., inzh.

Using the iterative method for calculating the tension of cutting chains of coal mining machines. Izv. vys. ucheb. zav.; gor. zhur. 7 no.5:81-87 '64. (MIRA 17:12)

1. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki i vychislitel'noy tekhniki. Rekomendovana kafedroy gornykh mashin i rudnichnogo transporta.

ALESENKO, Vasiliy Georgiyevich; KARA, Dmitriy Nikolayevich; ABRAMOV, V.I., otv. red.; PROZOROVSKAYA, V.L., tekhn. red.

[Problems on mining machines] Sbornik zadach po gornym mashinam; uchebnoe posobie dlia gornykh tekhnikumov. Moskva, Gosgortekhizdat, 1963. 119 p. (MIRA 16:7)
(Mining machinery)

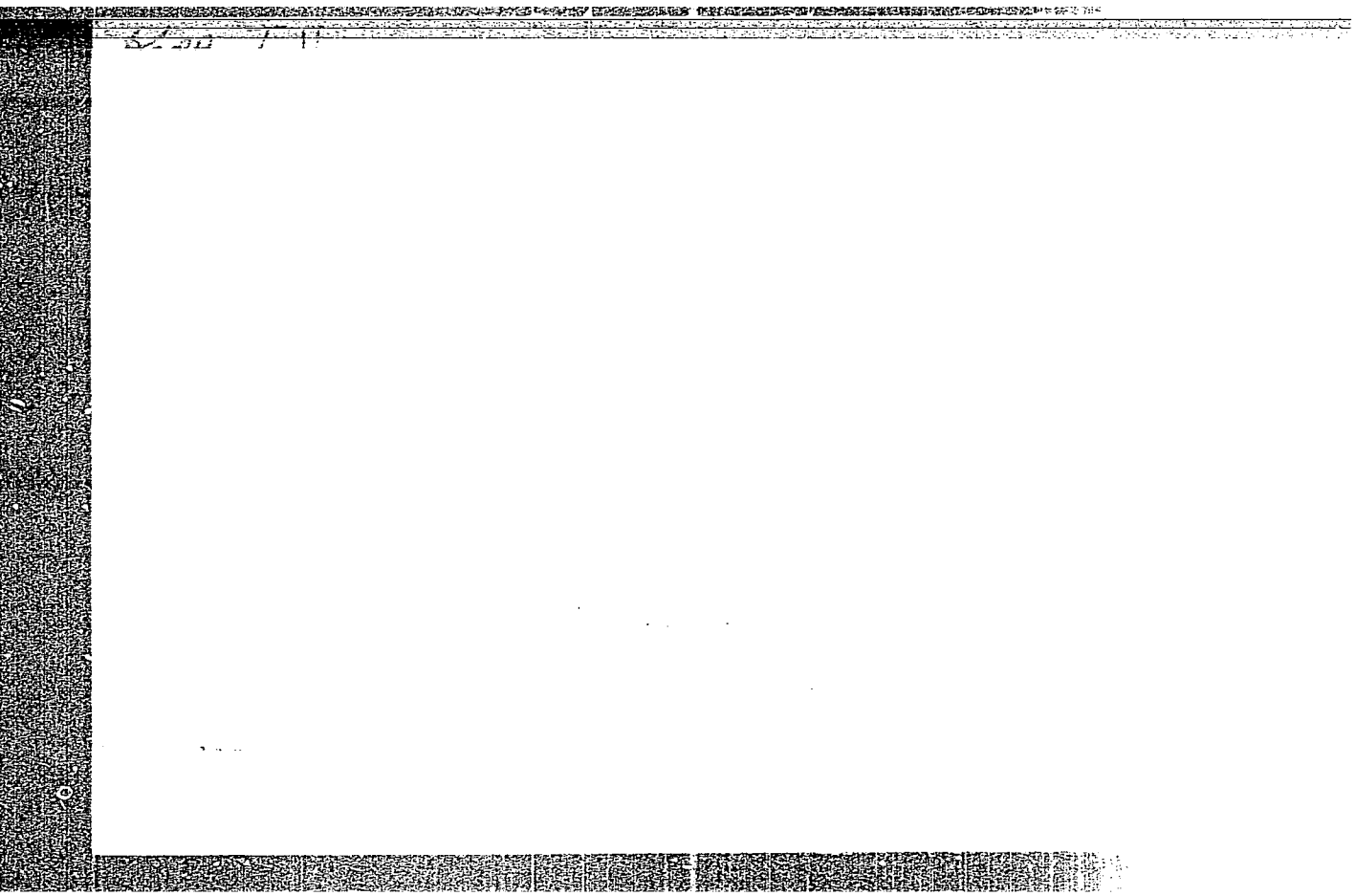
KARA, Antal, okleveles villamosmernok, fotechnologus

Investigation of detachable rail bonds in switchgears.
Villamossag 12 no.1: 4-8 Ja'64.

1. Villamos Eromu Tervezo es Szerelo Vallalat.

KARA, I.G., Cand Agr Sci--(diss) " Certain problems of agro-engineering of [redacted] castor plant cultivation in the central steppes of the UkSSR." Dnepropetrovsk, 1958. 18 pp (Min of Agr USSR. Odessa Agr Inst), 120 copies (KL,25-58, 117)

KARA, I.G., Cand Agr Sci —(diss) "Certain problems of agricultural engineering of castor plant cultivation in the central steppes of the UkSSR." Dnepropetrovsk, 1959. 17 pp (Min of Agr USSR. Odessa Agr Inst), 200 copies (KL, 31-59, 115)



APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000720520010-4"

KÁRA, J.

CZECH

Effect of serum albumin on the growth of Mycobacterium tuberculosis in liquid media. Jiřiřich Kára (Výzk. ústav tuberk., Prague). *Rozhledy tuberk.* 15, 111-19(1955).— Stimulating effect of human and bovine serum on the growth of a small inoculum of *M. tuberculosis in vitro* was due neither to the pure albumin (I) protein, nor to the isolated polysaccharides (II), nor to any other nonprotein growth factor, but was the result of a complex action of the native protein mol. with II and lipides. Denaturation of I by urea (III), heat, and ultraviolet irradiation brought about a loss of the growth-promoting activity of I, which was partially reversible in case of III. L. J. Urbánek

441 CONT

KÁRA J. Výzkumný Ustav Tuberk., Praha.*Některé metody isolace a frakcionace nativních tuberkuloproteinů. Some methods of isolating and fractionating native tuberculoproteins ROZHL.TUBERK. 1956, 16/5 (240-247) Graphs 1 Tables 2 Illus. 2

Two methods are presented of isolating and fractionating native tuberculoproteins from non-autoclaved, ultrafiltrated concentrated filtrates from cultures of BCG and Myc. tuberculosis murine type, adapted to growth on Sauton's medium. The first method consists in protein fractionation with alcohol and zinc acetate, the second in preparative electrophoresis of tuberculoproteins on starch. The contents of polysaccharides, protein nitrogen, percentage of desoxyribonucleic acid were estimated on isolated preparations of tuberculoproteins and their respective tuberculin effect on the skin of infected guinea-pigs was assessed by skin tests. According to these tests, purified preparations of protein from BCG and MP-type of M. tuberculosis have nearly identical tuberculin activity as the international standard of PPD. Clinical trials of the preparations are being conducted.

Blumberg - Jevičko (XV, 4*)

CZECHOSLOVAKIA / Microbiology - Microorganisms Photogenic to Humans and Animals. F-4

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38465.

Author : Kara, J., Sourek, J.
Inst : Not given.
Title : Immunochemical Study of Antigenic Tuberculoproteins and polysaccharides by Specific Precipitation in Agar. 1. Antigens Obtained from Filtrates of Live Cultures of Tuberculosis Mycobacteria $H_{37}Rv$ (Human Type), Vaccine Strain BCG (Bovine Type), and MP (Mouse Type).

Orig Pub: Rozhl. tuberk. a nemocech plicnich, 1957, 17, No 1, 41-52.

Card 1/4

CZECHOSLOVAKIA / Microbiology - Microorganisms Photogenic to Humans and Animals. F-4

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38465.

Abstract: tubercular patients were utilized. The precipitation reaction on agar was conducted by the Shourek modification of the Oukhterloni method (Cs. EMI, 1956, 5, 203). In the reaction with rabbit antisera, the native tuberculoprotein fractions formed 4-6 zones of precipitation, polysaccharides 1-4 zones, C-protein 3-6 zones, while urea extracts formed 2-4 zones. Tuberculin preparations formed 1-2 weak diffusion zones of precipitation. In reacting with human sera, tuberculoproteins and polysaccharides formed 1-2 zones, and tuberculin preparations one zone of precipitation. In the method

Card 3/4

CZECHOSLOVAKIA / Microbiology - Microorganisms Photogenic to Humans and Animals. F-4

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38465.

Abstract: of zonal electrophoresis, filtrates of tubercle bacilli revealed 4 protein fractions moving toward the anode, and a polysaccharide fraction moving toward the cathode. The polysaccharide fraction isolated by preparative electrophoresis formed 3 zones of precipitation, and after thermal denaturation this fraction produced only one zone. The protein fractions proved to be even less resistant to heat and, when denatured, they readily lost serological activity.

Card 4/4

CZECHOSLOVAKIA/Microbiology - Microbes Pathogenic in Man and Animals. F.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67394

Author : Sourek, J., Kara, J.
Inst : -
Title : Investigating the Antigenous Character of Tuberculoproteins and Polysaccharides Through Immunochemical Analysis Using A Specific Precipitation in Agar.

Orig Pub : Rozhl. tuberk. a nemocech plicnich, 1957, 17, No 8, 590-598.

Abstract : No abstract.

Card 1/1

KARA, J.

Abs Jour: Ref Zhur.-Khimiya, 1958, No II,

Author: O. Mikes, J. Vanecek, B. Meloun, B. Keil, V. Kostka, J. Kara.
Inst : Not given
Title: Multiple-Chamber Appliance for the Preparative Electro-phoresis.

Orig Pub: Chem. listy, 1957, 51, No 8, 1562-1569.

Abstract: A description of a modiefied multi-chamber appliance for the preparative zonal electrophoresis at the constant value of pH, in which are combined the advantages of a 3-chamber Svenson's appliance with those electrophoretical ones to the work in an auxialiary medium. A rectifier with a regulated voltage of 0-10,000 v serves as a source of tension.

KARA, J.;SORM, F.

Adenosinetriphosphatase as the factor inhibiting the enzymic synthesis of diphosphopyridine nucleotides in the tissue of rats and mice with transplanted tumours. Neoplasma, Bratisl. 6 no.3:225-235 1959.

1. Department of Biochemistry, Institute of Chemistry, Czechoslovak Academy of Sciences, Prague, CSR.
(ADENYLPYROPHOSPHATASE, metab.)
(NUCLEOSIDES AND NUCLEOTIDES metab.)
(NEOPLASMS metab.)

SKODA, J.; KARA, J.; SORMOVA, Z.

Interaction of 6-azauridine-5-diphosphate with Escherichia coli polynucleotide phosphoralase. In English. Coll.Cz.Chem. 24 no.11: 3783-3789 N '59. (MRAI 9:5)

1. Department of Biochemistry, Chemical Institute, Czechoslovak Academy of Science, Prague.
(Uridine phosphates) (Polynucleotide phosphoralase)
(Escherichia coli) (Azauridine)

SKODA, J.; KARA, J.; SORMOVA, Z.

On the specificity of polynucleotide phosphorylase. The exchange of ^{32}P-orthophosphate with guanosine-5'-diphosphate and 8-azaguanosine-5'-diphosphate in the presence of enzymes from Escherichia coli and Bacillus cereus. Coll Cz Chem 26 no.9:2252-2258 '61.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

(Polynucleotide phosporylases)

KARA, J.

(4)

Prague, Collection of Czechoslovak Chemical Communications, Vol 27, No 4, April 1962 (continued)

46. "Inhibition of Escherichia coli Polynucleotide Phosphorylase by 3-Methyl-6-Azauridine-5'-Diphosphate," J. KARA, J. SKODA and F. SORM, Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague; pp 1061-1063 (English article).

1014
CSO: 2000-N

KARA, J.; SORMOVA, Z.

An electrophoretic method of isolation of phosphodiesterase and 5' -nucleotidase from the Russell's viper venom. Coll Cz Chem 27 no.2:506-508 F '62.

1. Institute of Organic Chemistry and Bichemistry, Czechoslovak Academy of Sciences, Prague.

SKODA, J.; KARA, J.; CIHAK, A.; SORM, F.

Formation of the ribonucleoside of 5-azauracil by Escherichia coli and isolation of ribosyl biuret as the main decomposition product of 5-azauridine. Coll Cz Chem 27 no.7:1692-1694 Jl '62.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

CZECHOSLOVAKIA

KARA, J; SORM, F.

Institute of Organic Chemistry and Biochemistry of the Czechoslovak Academy of Sciences, Prague (for both)

Prague, Collection of Czechoslovak Chemical Communications, No 6, 1963, pp 1441-1447

"Study of the Substrate Specificity of Deoxynucleoside Phosphokinases. Phosphorylation of ^{3}H-Thymidine, 6-Azathymidine, Deoxyuridine, 6-Azadeoxyuridine and 5-Hydr o-xymethyl-deoxyuridine Labelled with ^{14}C, by Enzymes from Normal and Malignant Mammalian Tissues in vitro."

KARA, J.; SORM, F.

Study of the substrate specificity of deoxynucleoside phosphokinases. Coll Cz Chem 28 no.6:1441-1448 Je '63.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

KARA, J.; SORM, F.; WINKLER, A.

Determination of uridine kinase activity in some human tumours and normal tissues, using 4,5-^{14}C-6-azauridine as substrate. Neoplasma 10 no.1:3-10 '63.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Science, Prague, Oncological Research Institute, Bratislava, CSSR.

(PHOSPHOTRANSFERASES) (NEOPLASMS) (BREAST NEOPLASMS) (STOMACH NEOPLASMS) (TESTICULAR NEOPLASMS) (NUCLEOSIDES) (ANTINEOPLASTIC AGENTS) (LYMPH NODES) (STOMACH) (UTERUS) (OMENTUM) (TESTIS) (MUSCLES) (TISSUE METABOLISM) (SIGMOID NEOPLASMS)

PLIML, J.; KARA, J.; SORM, F.

Nucleic acid components and their analogs. Pt. 47. Coll Cz Chem 29 no. 3:840-842 Mr '64.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

FUCIK, V.; KARA, J.

Enzymatic synthesis of 5-bromo-2'-deoxyuridine-2-^{14}C and of 5-iodo-2'-deoxyuridine-2-^{14}C and their incorporation into deoxyribonucleic acid (Allium cepa). Biologia plantarum 6 no. 3:232-235 '64.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague 6 - Dejvice, Na cvicisti 2 (for Fucik). 2. Institute of Experimental Biology and Genetics, Prague 6 - Dejvice, Na Cvicisti 2 (for Kara).

L 5096-66 RM
ACC NR: AP6000245 SOURCE CODE: CZ/0008/65/059/002/0201/0216

AUTHOR: Kara, Jindrich

13
B

ORG: Institute of Experimental Biology and Genetics, CSAV, Prague (Ustav experimentalni biologie a genetiky CSAV)

TITLE: Transfer of genetic information and function of messenger ribonucleic acid

SOURCE: Chemicke listy, v. 59, no. 2, 1965, 201-216

TOPIC TAGS: genetics, RNA, DNA, protein, amino acid

ABSTRACT: Types of ribonucleic acids, their chemical characteristics, biological functions, and messenger RNA are discussed. The main genetic material consists of desoxyribonucleic acids; the information they contain is transferred to a specific sequence of aminoacids in proteins by means of ribonucleic acids; these acids in some cases may determine by themselves the genetic properties. The change of one nucleotide in the desoxynucleic acid molecule may lead to a specific change of a certain aminoacid in the protein molecule. These relationships indicate the possibility of regulating chemical changes of hereditary properties of organisms; this presents an interesting aspect of modern development of biology and genetics. Orig. art. has: 5 figures, 1 table. [JPRS]

Card 1/2

0901068/

L 5096-66

ACC NR: AP6000245 O

SUB CODE: LS / SUBM DATE: none / ORIG REF: 006 / OTH REF: 105 / SOV REF: 004

Card 2/2

KARA, Petr Filippovich; SMIRNOV, A.A., otv.red.; LYUBIMOV, N.G., red.izd-va; CHANTSEVA, G.M., tekhn.red.; SABITOV, A., tekhn.red.

[Mine fans for main mine ventilation; catalog-handbook on mining equipment] Shakhtnye ventiliatory glavnogo provetrivaniia; katalog-spravochnik po gornoshakhtnomu oborudovaniiu. Moskva, Gosgortekhizdat, 1959. 78 p. (MIRA 13:5)
(Mine ventilation) (Fans, Mechanical--Catalogs)

KARA, Petr Filippovich; BABAK, Grigoriy Alekseyevich; D'YAKOVA, G.B., red. izd-va; MINSKER, L.I., tekhn. red.

[VTsO3,1-110/450 centrifugal mine fan] Shakhtnyi tsentrobezhnyi ventilistor VTsO3,1-110/450. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 42 p. (MIRA 14:5)

(Fans, Mechanical) (Mine ventilation)

KARA, Petr Filippovich; BABAK, Grigoriy Alekseyevich; D'YAKOVA, G.B., red. izd-va; MESHCHANKINA, I.S., tekhn. red.; MAKSIMOVA, V.V., tekhn. red.

[VTsN1.6 centrifugal fan]TSentrobezhnyi ventiliator VTsN1,6. Moskva, Gosgortekhizdat, 1962. 46 p. (MIRA 15:12)
(Fans, Mechanical)

1. KUDZIN, YU., KARA, YU. M.

2. USSR (600)

4. Wheat

7. Significance of microelements in the period of initial growth and the development of wheat. Sov. agron. 10 No. 12, 1952.

9. Monthly List of Russian Accessions, Library, of Congress, February, 1953. Unclassifie

KARA, Z.

KARA, Z. Grinding precision slots and shapes on a BPH 200/600 surface grinder by the plunge cut method. p. 365, Vol 4, no 8, Aug. 1956
STROJIRENSKA VYROBA Praha, Czechoslovakia

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

38743
S/194/62/000/005/045/157
D256/D308

9.3120

AUTHOR: Kára, Zdeněk

TITLE: Method of surface treatment of indirectly heated cathodes

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 5, 1962, abstract 5-3-29 a (Czechoslo. pat., kl. 21 g, 13/04, no. 97720, 15.12.60)

TEXT: A method is proposed for roughing the external surface of heated activated cathodes by means of an electro-erosive treatment. The cathode is connected to the negative pole and the working electrode to the positive pole of a precision electro-erosion apparatus and submerged in a liquid dielectric, e.g. oil or paraffin. The working electrode vibrates during the treatment (owing to an AC voltage of a determined frequency supplied to it from a signal generator); this produces periodic changes of the distance to the cathode. The magnitude and form of micro-creases produced on the cathode surface change, which increases the total area of activation. By choosing the shape and surface area of the working electrode one can

Card 1/2

S/194/62/000/005/045/157
D256/D308

Method of surface treatment of ...

obtain roughness on a rigorously limited portion of the cathode according to the requirements. The working electrode can be covered with a pattern if required. By using the proposed method the danger of creating undesired internal stresses is excluded; at the same time the thickness of the wall of the cathode can be reduced in the activated region, resulting in a more rapid degassing and an improved thermal exchange between the emission layer and the filament. The filament voltage can, therefore, be reduced increasing the life period of the filament. [Abstractor's note: Complete translation].

Card 2/2

42965
S/058/62/000/011/031/061
A160/A101

AUTHORS: Zadražil, Milan, Kára, Zdeněk

TITLE: A device for the step-by-step retuning of a klystron

PERIODICAL: Referativnyy zhurnal, Fizika, no. 11, 1962, 20, abstract 11-3-40ye P (Czechoslovakian pat., cl. 21g, 13/17, no. 100688, Aug. 15, 1961)

TEXT: A description is given of a lever-type retuning mechanism consisting of two control levers and of one transmission lever. The exterior end of the latter is in contact with the tuning screw which is located inside the klystron. A screw pressing one of the control levers is located at the interior end of the transmission lever. The whole mechanism is set up inside the box - on the side of the klystron. The device may be used for instantaneous switching over to another generation frequency.

N. S.

[Abstracter's note: Complete translation]

Card 1/1

GUDZENKO, P. [reviewer]; KARA-MOSKO, A.S.; TOKARSKIY, N.K. [authors].

"Russian-Ukrainian dictionary of geographic names." A.S.Kara-Mosko, N.K.Tokarskii. Reviewed by P.Gudzenko. Geog. v shkole no.6:72-73 N-D '53. (MLRA 6:12)
(Geography--Dictionaries) (Tokarskii, N.K.) (Kara-Mosko,A.S.)
(Russian language--Dictionaries--Ukrainian)

KARA-MOSKO, A. S. (Kiyev)

"The Methods of Landscape Studies".

Report presented at the Third Conference on Landscape Study, Tbilisi, 7-12 June 1958. (Izv. Ak nauk SSSR, ser geograficheskaya, 1958, No. 6, pp. 150-55)

KARA-MURZA, E. N.

KAUER, V.V.; KARA-MURZA, E.N.; SEDOVA, M.A.

Principal stages in the development of vegetation in the territory of the U.S.S.R. during the Mesozoic Period (on the basis of palynological analysis) Bot. zhur. 39 no.2:238-241 Mr-Ap '54.(MLRA 7:6)

1. Vsesoyuznyy Nauchno-issledovatel'skiy geologicheskiy institut, Gidroproyekt i Nauchno-issledovatel'skiy institut geologii Arktiki, Leningrad.
(Paleobotany)

KARA-MURZA, E.N.

USSR/ Geology - Paleontology

Card 1/1 Pub. 22 - 34/49

Authors : Kara-Murza, E. N.; Kolyadnyy, S. N.; and Forsh, N. N.

Title : The flora from the red-colored stratum of the Cheleken peninsula

Periodical : Dok. AN SSSR 102/1, 137-139, May 1, 1955

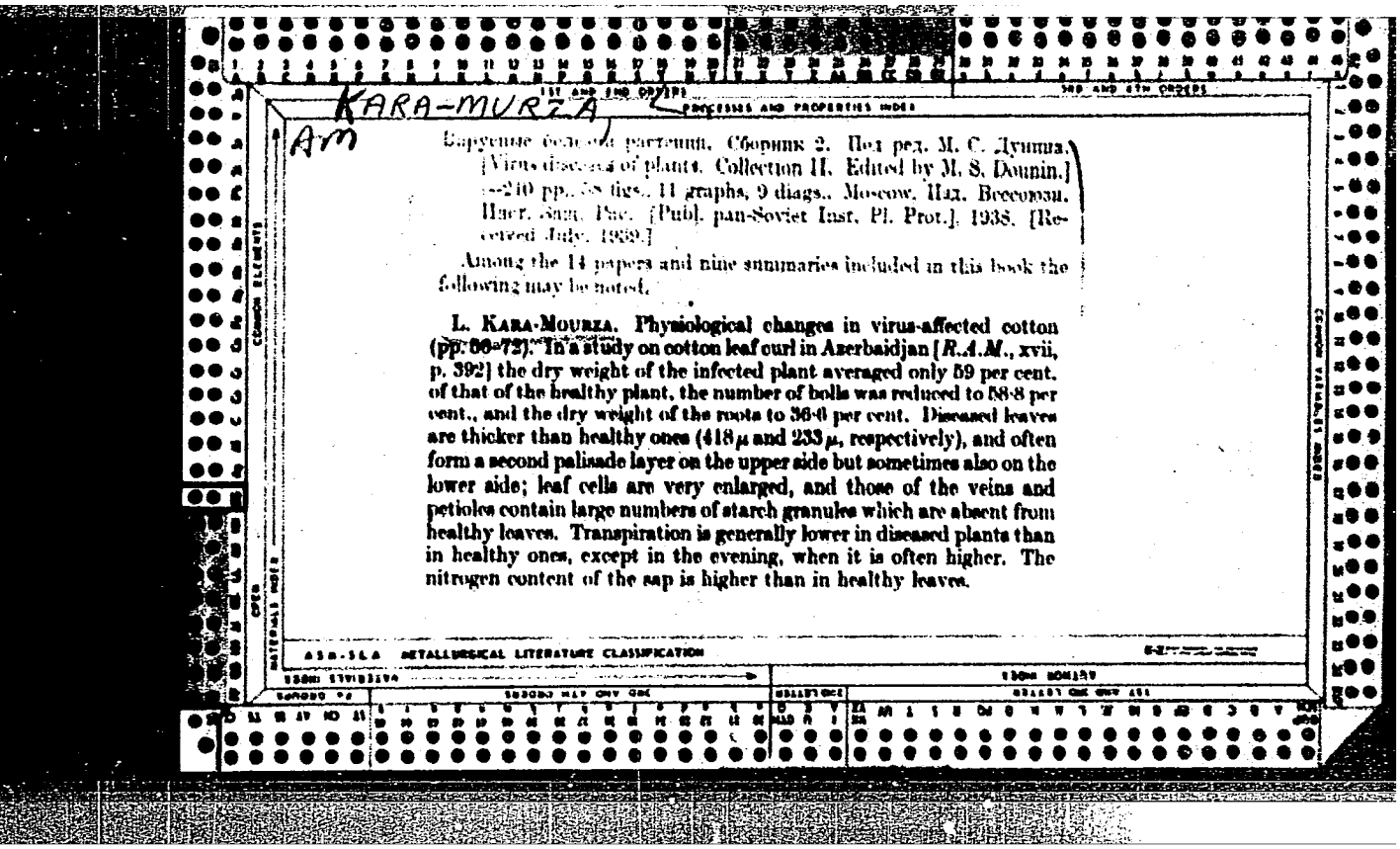
Abstract : Geological data are presented on the flora from the red colored strata of the Cheleken peninsula in western Turkmen-SSR.

Institution : All-Union Petroleum Sci. Res. Geol. Explor. Inst.

Presented by : Academician D. V. Nalivkin, January 3, 1955

KARA-MURZA, E.N.

Some data on the Miocene flora of Krasnodar Territory. Ezhegod. Vses. paleont. ob-va 16:194-206 '57. (MIRA 11:4)
(Krasnodar Territory--Paleobotany, Stratigraphic)



KARA-MURZA

AM

Вирусные болезни растений. Сборник 2. Под ред. М. С. Доунина. [Virus diseases of plants. Collection II. Edited by M. S. Dounin.] —240 pp., 58 figs., 11 graphs, 9 diags., Moscow, Под. Всесоюз. Инст. Защ. Раст. [Publ. pan-Soviet Inst. Pl. Prot.], 1938. [Received July, 1939.]

Among the 14 papers and nine summaries included in this book the following may be noted.

L. KARA-MOURZA. **Physiological changes in virus-affected cotton (pp. 66–72).** In a study on cotton leaf curl in Azerbaidjan [*R.A.M.*, xvii, p. 392] the dry weight of the infected plant averaged only 59 per cent. of that of the healthy plant, the number of bolls was reduced to 58·8 per cent., and the dry weight of the roots to 36·6 per cent. Diseased leaves are thicker than healthy ones (418 μ and 233 μ, respectively), and often form a second palisade layer on the upper side but sometimes also on the lower side; leaf cells are very enlarged, and those of the veins and petioles contain large numbers of starch granules which are absent from healthy leaves. Transpiration is generally lower in diseased plants than in healthy ones, except in the evening, when it is often higher. The nitrogen content of the sap is higher than in healthy leaves.

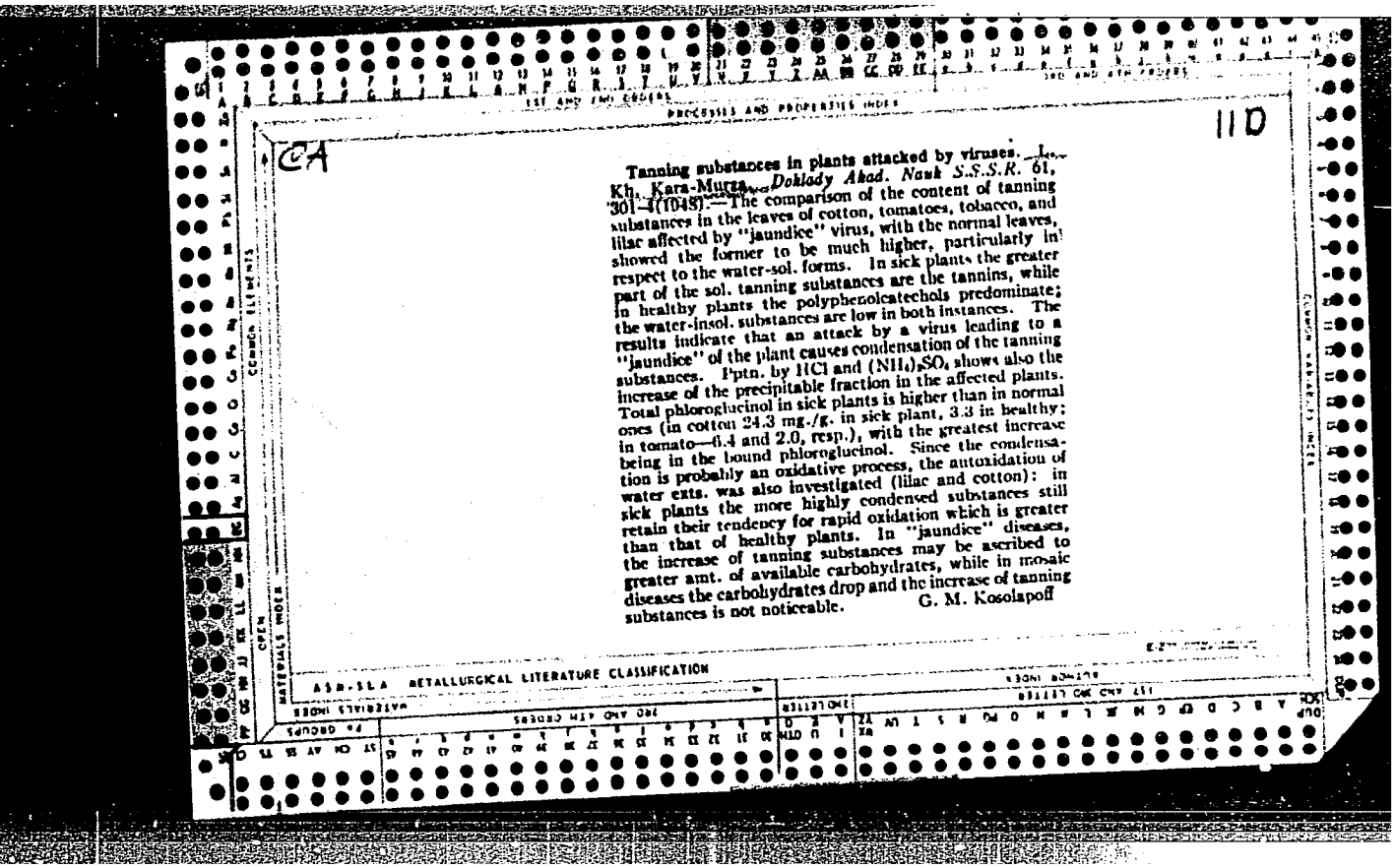
KAVA-TURZA, L. M.

"Physiology of Cotton During Leaf Curl," in Virus Diseases of Plants and Measures for Their Control, Works of the Conference on Virus Diseases of Plants 1940, Publishing House of the Academy of Science, USSr, Moscow, 1941, pp. 197-202. 464.32 So3

KARA-MURZA, L. Kh.

KARA-MURZA, L. Kh. "On Carbohydrate Metabolism of Cotton Plants Infected with Virus," Izvestiia Akademii Nauk SSSR, Seriia Biologicheskaia, no. 5, 1946, pp. 491-496. 511 Sa2R

So: Sira Si-1953, 15 December 1953



CA

11D

Tanning substances in plants attacked by viruses. I. Kh. Kara-Murza. *Doklady Akad. Nauk S.S.S.R.* 61, 301–4(1948).—The comparison of the content of tanning substances in the leaves of cotton, tomatoes, tobacco, and lilac affected by "jaundice" virus, with the normal leaves, showed the former to be much higher, particularly in respect to the water-sol. forms. In sick plants the greater part of the sol. tanning substances are the tannins, while in healthy plants the polyphenolcatechols predominate; the water-insol. substances are low in both instances. The results indicate that an attack by a virus leading to a "jaundice" of the plant causes condensation of the tanning substances. Fptn. by HCl and $(NH_4)_2SO_4$ shows also the increase of the precipitable fraction in the affected plants. Total phloroglucinol in sick plants is higher than in normal ones (in cotton 24.3 mg./g. in sick plant, 3.3 in healthy; in tomato—6.4 and 2.0, resp.), with the greatest increase being in the bound phloroglucinol. Since the condensation is probably an oxidative process, the autoxidation of water exts. was also investigated (lilac and cotton): in sick plants the more highly condensed substances still retain their tendency for rapid oxidation which is greater than that of healthy plants. In "jaundice" diseases, the increase of tanning substances may be ascribed to greater amt. of available carbohydrates, while in mosaic diseases the carbohydrates drop and the increase of tanning substances is not noticeable. G. M. Kosolapoff

DEREVITSKAYA, V.A.; LIKHOSHERSTOV, L.M.; KARA-MURZA, S.G.; KOCHETKOV, N.K.

Glycopeptides. Part 2: Synthesis of 6-O-aminoacyl derivatives of glucose. Zhur.ob.khim. 32 no.7:2134-2140 Jl '62. (MIRA 15:7)

1. Institut khimii prirodnykh soyedineniy AN SSSR.
(Glycopeptides) (Amino acids) (Glucose)

KOCHETKOV, N.K.; KARA-MURZA, S.G.; DEREVITSKAYA, V.A.

Control of the homogeneity of the blood group substance by means of gel filtration. Dokl. AN SSSR 163 no.2:500-502 Jl '65. (MIRA 18:7)

1. Institut khimii prirodnykh soyedineniy AN SSSR. 2. Chlen-korrespondent AN SSSR (for Kochetkov).

SOV/79-29-1-74/74

AUTHORS: Shchukina, L. A., Kara-Murza, S. N., Vdovina, R. G.

TITLE: Synthesis of O-Peptides With Help of N,N'-Dicyclohexyl Carbodiimide (Sintez O-peptidov s pomoshch'yu N,N'-ditsiklogeksilkarbodiimida)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 1, p 340 (USSR)

ABSTRACT: The synthesis of O-peptides of β-oxy-α-amino acids is of great interest as such compounds are biochemically of great importance. In many cases they are difficult to synthesize. The authors succeeded in bringing about a simple synthesis of O-peptides which owes its existence to N,N'-dicyclohexyl carbodiimide in the condensation of esters of the N-acylated oxyamino acids with N-acylamino acids. The reaction proceeds in the presence of pyridine in acetone (or in other organic solvents) at 20° in the course of 24 hours. Thus, the following products were obtained: 1) From the ethyl ester of N-benzoyl-seryl glycine and carbobenzoxyl leucyl the ethyl ester of O-carbobenzoyl leucyl-N-benzoyl-seryl glycine (yield: 84%). 2) From the ethyl ester of N-benzoyl-seryl glycine and carbobenzoxy-phenyl alanine of the ethyl ester of O-carbobenzoxy

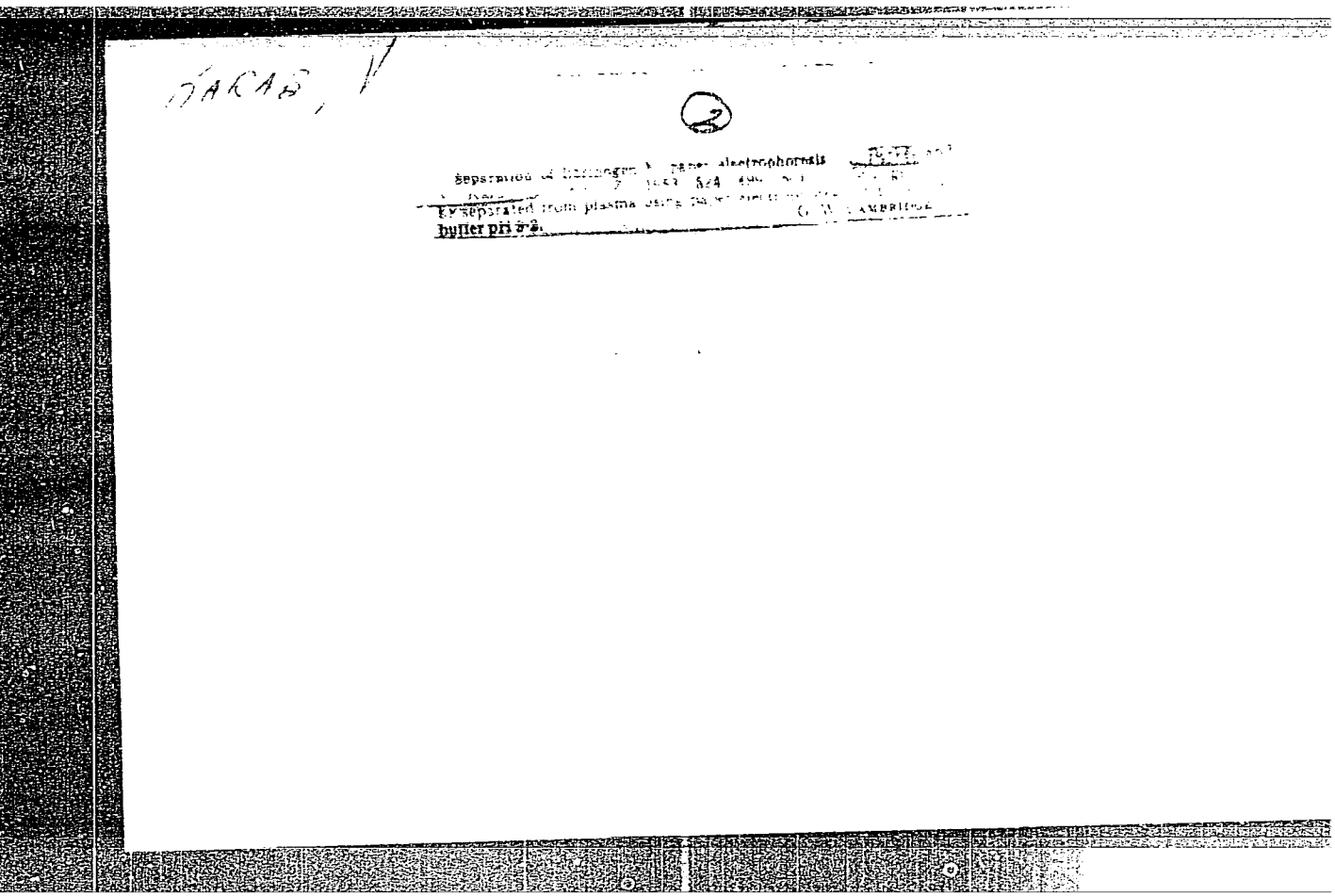
Card 1/2

Synthesis of O-Peptides With Help of N,N'-Dicyclohexyl Carbodiimide

phenyl alanyl-N-benzoyl-seryl glycine (yield: 82%). Apart from this under similar conditions from the amide of salicyclic acid and carbobenzoxy-phenyl alanine the amide of O-carbobenzoxy-phenyl analyl salicylic acid were obtained (yield 85%). There is 1 reference.

ASSOCIATION: Institut biologicheskoy i meditsinskoy khimii Akademii meditsinskikh nauk SSSR (Institute for Biological and Medical Chemistry of the Academy of Medical Sciences, USSR)

SUBMITTED: September 1, 1958



KARABA, Vladimir Ivanovich; SHISHLYKOV, Ye.S., inzh., red.;
VASIL'YEVA, N.N., tekhn. red.

[Rapid transportation of local freight]Uskorennyi razvoz mestnogo gruza. Moskva, Transzheldorizdat, 1962. 36 p.
(MIRA 15:10)

1. Dispetcher Dnepropetrovskogo otdeleniya Pridneprovskoy dorogi (for Karaba).
(Railroads--Freight)

KARABACH, Anton (stanitsa Mechetinskaya Rostovskoy oblasti)

Eaglets live in the steppe. IUn. nat. no.9:16 S '62. (MIRA 16:5)
(Mechetinskaya--Wheat breeding)

GREBENYUK, V.A.; PUSTOVALOV, A.I.; YEROFEYEV, I.Ye.; KARABACH, T.L.; TURGAMBAYEV, B.M.; BOSYAKOV, P.Ye.; YERMOLAYEV, A.G.; FOMENKO, V.D.; YEGOROCHKIN, A.A.; GROMOV, D.I.; ZHUYKO, Yu.P.; PANOV, S.A.;

[Twenty-second Congress of the Communist Party of the Soviet Union Mine] Rudnik imeni XXII s"ezda KPSS. Moskva, Nedra, 1964. 87 p. (MIRA 17:10)

1. Russia (1917- R.S.F.S.R.) Vostochno-Kazakhstanskiy ekonomicheskiy rayon. Zyr'yanovskiy svintsovyy kombinat.

ZYRYANOV, T.P.; TURGAMBAYEV, B.M.; KARABACH, T.L.; YURKOV, V.N.

Practice of using the system of complete shrinkage stopping with breaking by means of deep holes at the Maslyanskiy Mine. Trudy Alt. GMNII AN Kazakh. SSR 10:64-69 '61. (MIRA 14:9)
(Altai Mountains--Stoping (Mining)) (Boring) (Blasting)

AVDEYEV, Yu.G.; VORONIN, V.S.; KOROSTYLEV, N.P.; SMIRNOV, V.G.; PUSTOVALOV, A.I.; CHEBOTYREV, B.A.; ZENKOV, B.N.; KARABACH, T.L.

Determining the efficiency of various ways of charging boreholes along the contour of a mine working. Shakht. stroi. 8 no.10: 19-21 O '64. (MIRA 17:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsvetnoy metallurgii (for Avdeyev, Voronin, Korostylev, Smirnov).
2. Rudnik imeni XXII s"yezda Kommunisticheskoy partii Sovetskogo Soyuza Zyryanovskogo kombinata (for Pustovalov, Chebotyrev, Zenkov, Karabach).

KARABACH, V.

Increasing the output of cement copper at Urals' copper mines.
Gor.zhur. no.7:11 Jl '60. (MIRA 13:7)

1. Nachal'nik otdela tsvetnoy metallurgii Gosplana RSFSR.
(Ural Mountains--Copper mines and mining)

KARABACH, V.K.

Standard building design for state laboratories in charge of measurement techniques. Izm.tekh. no.4:59-62 Jl-Ag '56. (MLRA 9:11)
(Testing laboratories)
(Architecture--Designs and plans)

KARABACHEVA, T.

COUNTRY : Bulgaria
CATEGORY : Microbiology

ABS. JOUR. : Ref Zhur-Biologiya, No.4, 1959, No. 14878

AUTHOR : Popov, A.; Galabov, G.; Karabaschev, N.; Karabacheva, T.
INST. : Bulgarian AS
TITLE : Experiments on the Testing of Immunological and Toxic Properties of Typhoid and Dysentery Bacteria Treated with Ultrasonic Waves.

ORIG. PUB. : Dokl.Bolg. AN, 1957, 10, No.5, 403-406

ABSTRACT : From cultures of an 18 - 24-hour growth of a strain of Flexner "Fl 856" and typhoid "Ty 2 smooth" suspensions were prepared in physiological solution according to the proportion of 1 milliard organisms in 1 ml, and they were subjected to the influence of US waves for 60 minutes. The test for immunogenicity and toxicity of the ultrasonic suspensions (US) was conducted in mice by the technique used for the testing of the original suspensions in the

CARD: 1/2

ORIG. PUB. :

ABSTRACT : preparation of vaccines. The experiments showed that US, as well as US treated with formalin, had higher immunogenic properties than the non-radiated suspensions. There was little difference in the toxicity of the US and the non-radiated suspensions. US treated with formalin was non-toxic.
-- M.A. Gruzman

CARD: 2/2

KARABACHINSKAYA, M. M.

SOV/6060

PHASE I BOOK EXPLOITATION

Vargin, V. V., Professor, ed.

Emalirovaniye metallicheskikh izdeliy (Enameling of Metal Articles). Moscow, Mashgiz, 1962. 546 p. Errata slip inserted. 7500 copies printed.

Reviewer: A. S. Ragozin, Engineer; Ed.: M. V. Serebryakova, Engineer; Eds. of Publishing House: I. A. Borodulina, A. I. Varkovetskaya, and T. L. Leykina; Tech. Ed.: L. V. Shchetinina; Managing Ed. for Literature on Machinery Manufacture (Leningrad Division, Mashgiz): Ye. P. Naumov, Engineer.

PURPOSE: This book is intended for specialists in enameling, technical personnel of plants, and personnel of scientific research laboratories and institutes. It can also be used by teachers and students of schools of higher education.

COVERAGE: The book provides a brief discussion on raw materials and processes for melting enamels, describes in detail furnaces for melting enamels,

Card 1/4

and offers some recommendations for selection and calculation of furnaces. A special section [Ch. IV, sect. 8] on heat-resistant coatings is included. A flowsheet is given for centralized production of enamels. The properties and preparation of slips are also comprehensively described. The production of new enameled products such as pipelines, architectural and building materials, and aluminum articles is described. Individual chapters were written both by plant personnel and by technical personnel of scientific research institutes and schools of higher eduction. [See: Table of Contents.] No personalities are mentioned. There are 638 references, mainly Soviet, with many English and some German.

TABLE OF CONTENTS [Abridged]:

Enameling of Metal Articles SOV/6060

Card 3/4

L 46216-66 EWT(d)/EWT(l)/FSS-2/EEC(k)-2/T/EWP(K) IJP(c) WG

ACC NR: AP6011738 (A) SOURCE CODE: UR/0317/66/000/003/0022/0027

AUTHOR: Belikov, R. (Engineer; Major); Karabak, I. (Engineer; Major)

ORG: None

TITLE: Light communications

SOURCE: Tekhnika i vooruzheniye, no. 3, 1966, 22-27

TOPIC TAGS: light communication, uv communication, ir communication system, coherent light, laser emission, laser modulation

ABSTRACT: After developing the necessary background, the progress in the application of coherent monochromatic rays to communication transmissions is generally reviewed by using information and data published in foreign papers. A laser device with a helium-neon gas mixture continuously emitting rays of a high coherency is considered to be one of the best for various communication purposes. The properties of laser highly directive optical antenna system and the advantages of its sharp directivity and sensitivity are discussed. A possibility of obtaining a great number of high-quality channels is stressed and an unlimited range of transmission in outer space is mentioned. A block diagram is presented, illustrating the transmitting and receiving stations of a laser communication system including generation, amplification, modulation, emission and reception. The use of ultrasonic, electro-optical and magneto-optical methods for modulation is discussed. The modes of operation of these three modulation systems are explained with the help of

Card 1/2

L 46216-66
ACC NR: AP6011738

three diagrams. The ultrasonic modulation is based on supersonic vibrations created by a piezo-electric oscillator. A polaroid crystal placed in electric field is used for electro-optical modulation while in the magneto-optical method, the action of magnetic field is applied to the crystal. The demodulation processes are also briefly considered. It is concluded that the laser-type communications have the best prospects for the future in outer space. Orig. art. has: 3 diagrams.

SUB CODE: 17, 20/ SUBM DATE: None

Card 2/2 blg

Karabak, V. A.

EPP.
.R92617

Opyt Vyyemki Uglya Pod Gornymi Vyrabotkami Na Shakhtakh Kuzbassa
(Experience in Digging Coal in Mining Output in Shafts of the Kuz Basin)
Moskva, Ugletekhizdat, 1955

30 P. Diagrs., Table.

KARABAK, V.A.

15-57-8-11721

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 8, p 248 (USSR)

AUTHOR: Karabak, V. A.

TITLE: Removal of Coal From Under Man-Made Structures and Natural Objects (Opyt otrabotki zapasov uglya pod iskusstvennymi sooruzheniyami i yestestvennymi ob"yektami v Kuzbasse)

PERIODICAL: Materialy 1-y obl. nauchn.-tekhn. konferentsii ugol'shchikov po okhrane nedr Kuzbassa, 1954 g. Kemerovo, Knigoizdat, 1955, pp 17-41

ABSTRACT: The author gives data on the amount of coal retained in various kinds of deposits on the producing levels of the mining districts, as well as under structures located outside the Kuzbas mining districts. Numerous cases of removal of several million tons of coal from under various structures and objects are described,

Card 1/2

Removal of Coal From Under Man-Made Structures (Cont.)

together with the conditions of operation and the efficiency of the methods used. Measures insuring safe and efficient operation under river valleys, gravel filled ravines, small rivers, railroads, dwellings and industrial buildings, other mining operations, etc., are examined. Proposals are given for more complete and efficient exploitation of the coal resources in Kuzbass.

Card 2/2 V. F. Kvasnikov

KARABAK, V.,A., dotsent

Economic value of coal losses in mines. Izv. vys. ucheb. zav.; gor. zhur. no. 4:63-69 '61. (MIRA 14:6)

1. Kemerovskiy gornyy institut.
(Coal mines and mining) (Mine valuation)

KADYROV, K.K.; ABDURASHIDOV, K.; KARABALAYEV, B.

Cathodic potentials during the evolution of hydrogen on nickel electrodeposited in an ultrasonic field. Dokl. AN Uz.SSR 21 no. 11:36-38 '64. (MIRA 18:12)

1. Tashkentskiy gosudarstvennyy pedagogicheskiy institut imeni Nizami. Submitted Febr. 4, 1963.

15-57-4-5077D

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 4, p 145 (USSR)

AUTHOR: Karabalayev, K. K.

TITLE: Lithology of Coal Deposits of the Tashkumy Area (Northern Fergana Region) and Their Iron Ore Content /Litologiya uglenosnykh otlozheniy Tashkumyrskogo rayona (Severnaya Fergana) i ikh zhelezorudnyye proyavleniya/

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Geological and Mineralogical Sciences, presented to In-t geol. AN KirgSSR (Geological Institute of the AS KirgSSR), Frunze, 1956

ASSOCIATION: In-t geol. AN KirgSSR (Geological Institute of the AS KirgSSR)

Card 1/1

KARABALAYEV, K.K.

Lake type facies in Jurassic sediments of the lower Greater Naryn River. Izv. AN Uz. SSR. Ser. geol. no.3:49-56 '57. (MIRA 11:9)
(Naryn Valley--Coal geology)

KARABALAYEV, K.K.

Petrographic and mineralogic characteristics of iron-ore facies of the Jurassic coal-bearing series in the Naryn deposit. Trudy Inst. geol. AN Kir. SSR no.9:69-84 '57. (MIRA 11:4)
(Fergana--Iron ores)

KARABALAYEV, K.K.

Mineralogical composition of Jurassic sediments in northern Fergana. Trudy Inst. geol. AN Kir. SSR no.9:161-174 '57. (MIRA 11:4)
(Fergana--Mineralogy)

KARABALAYEV, K.K.

Conditions leading to the formation of limestones with a cone-in-cone texture in Rhaetian-Jurassic coal-bearing strata of northern Fergana and the northern Tien Shan. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no.4:131-138 '61. (MIRA 14:12)

(Naryn (Tien Shan Province)--Limestone)
(Karakicha--Limestone)

KARABALAYEV, K.K.

Facies and petrographic characteristics of rocks of the Jurassic coal formation in the Karakichi deposit. Izv.AN Kir.SSR. Ser.est. i tekh.nauk 2 no.6:47-68 '60. (MIRA 15:5)
(Karakichi region--Coal geology)

KARABALAYEV, K.K.

Comparative facies analysis of Lower Jurassic coal-bearing formations in the northern Tien-Shan and northern Fergana. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 4 no.3:5-17 '62. (MIRA 15:11)
(Tien Shan--Geology, Stratigraphic)
(Fergana--Geology, Stratigraphic)

KUZNETSOV, V.V.; KARABALAYEV, K.K.; IBRAGIMOV, I.M.

Fossil land turtle of Kirghizia. Mat. po geol. Tian'-Shania no.4:135-146 '64. (MIRA 17:10)

KARABALAYEVA, R.M.

Characteristics of organic substances in the irrigated light-brown soils in the Issyk-Kul' Depression. Izv. AN Kir. SSR Ser. biol. nauk 4 no.6:63-70 '62. (MIRA 16:6)

(Issyk-Kul' region--Humus)

POLKOVSKIY, Mikhail Abramovich; BEREZANTSEV, Boris Borisovich; KARAPAN, G.A., redaktor; KHRISTENKO, V.P., redaktor izdatel'stva; PETROVSKAYA, Ye.S., tekhnicheskiy redaktor

[Machines, mechanisms and installations for cleaning cities; a catalog] Mashiny, mekhanizmy i sooruzheniia dlia sanitarnoi ochistki gorodov; katalog. Moskva, Izd-vo M-va kommun.khoz. RSFSR, 1957. 113 p. (MIRA 10:9)

(Street-cleaning machinery) (Refuse and refuse disposal)

KARABAN, G. L. Cand Tech Sci

Dissertation: "Investigation of the Nozzles of Watering-Washing Machines."

21/2/50

Academy of Municipal Economy imeni K. D. Pamfilov

SO Vecheryaya Moskva
Sum 71

POLTEV, K.; KARABAN, G.

Refuse and Refusal Disposal

New method for garbage disposal. Zhil.-kom. khoz., 2, No. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

KARABAN, G., kandidat tekhnicheskikh nauk.

Increase the efficiency of street-sprinkler motor trucks. Zhil.-kom. khoz. 3 no.5:28-29 My '53. (MLRA 6:7)
(Street cleaning)

ZASOV, Ya.; KARABAN, G. L.

Street Cleaning

Machines for road cleaning, Mekh. stroi. 10, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.

KARABAN, G.

ZASOV, I., kandidat tekhnicheskikh nauk; KARABAN, G.; PROKHOROV, A., inzhener.

Specially equipped truck for collecting and transporting garbage in large containers. Zhil.-kom.khoz. 4 no.2:25-27 '54. (MLRA 7:5)
(Refuse and refuse disposal)

KARABAN, G.L., kandidat tekhnicheskikh nauk; POLTEV, K.M., kandidat tekhnicheskikh nauk; SOKOL'SKIY, I.F., redaktor; PETROVSKAYA, Ye. S., tekhnicheskiy redaktor.

[Machinery for snow removal] Snegouborochnye mashiny. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1955. 133 p. (MLRA 8:11)
(Snow--Removal)
(Street-cleaning machinery)

КАРАВАН, Г.

ZASOV, I., kandidat tekhnicheskikh nauk; KARABAN, G., kandidat tekhnicheskikh nauk.

New equipment for cleaning streets and city squares. Zhil.-kom.khoz.5 no.6:28-29 '55. (MLRA 9:1)
(Street-cleaning machinery)

ZASOV, Ivan Alekseyevich; KARABAN, Georgiy L'vovich; POLTEV, Konstantin Mikhaylovich; PIKOVSKIY, Ya.M., dots., kand. tekhn. nauk, red.; SHISTER, G.M., red.; SOKOL'SKIY, I.F., red. izd-va; VOLKOV, S.B., tekhn. red.

[Special vehicles for municipal service; atlas of models] Spetsial'nye avtomobili gorodskogo khoziaistva; atlas konstruktsii. Pod obshchei red. IA.M. Pikovskogo. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1957. 206 p. (MIRA 11:10)
(Street cleaning machinery) (Motortrucks)

DENISOV, V.N.; KARABAN, G.L.

Heating pavements for removing ice. Ger. khoz. Mosk. 33 no.3:29-30 Mr '59. (MIRA 12:5)
(Snow removal) (Electric heating)

KARABAN, G.L.

Investigation of the physical and mechanical properties of ice and compacted snow. Sbor.nauch.rab. AKKH no.3:3-18 '60. (MIRA 15:4)

(Ice) (Snow)

KARABAN, G.L.

Problems of the arrangement of nozzles on street cleaning machines. Stor.nauch.rab. AKKH no.3:99-110 '60. (MIRA 15:4)
(Street-cleaning machinery)

KARABAN, G.L., kand. tekhn. nauk

Efficient methods of mechanized cleaning of city streets in summer. Nov. tekh. zhil.-kom. khoz.: Blagoustr. gor. [no.1]: 26-29 '61. (MIRA 18:5)

BUKREYEV, Yevgeniy Mikhaylovich; DENISOV, Vasiliy Nikolayevich; KARABAN, Georgiy L'vovich; BEREZANTSEV, B.B., red.; YEVDOKIMOVA, Ye.D., red. izd-va; LELYUKHIN, A.A., tekhn. red.

[Foreign machinery for city cleaning] Zarubezhnye mashiny dlia sanitarnoi ochistki i uborki gorodov. Moskva, Izd-vo M-va kommun. khoziaistva RSFSR, 1961. 178 p. (MIRA 15:2)
(Street-cleaning machinery)

BUKREYEV, Yevgeniy Mikhaylovich; DENISOV, Vasiliy Nikolayevich; KARABAN, Georgiy L'vovich; MEREZANTSEV, B.B., red.; YEVDOKIMOVA, Ye.D., red. izd-va; LELYUKHIN, A.A., tekhn. red.

[Foreign municipal sanitary engineering machinery] Zarubezhnye mashiny dlia sanitarnoi ochistki i uborki gorodov. Moskva, Izd-vo M-va kommun. khoz.RSFSR, 1961. 178 p. (MIRA 15:10)

(Sanitary engineering--Equipment and supplies)

KARABAN, Georgiy L'vovich; BEREZANTSEV, B.B., red.; BAKHTIYAROVA, R.Kh., red.izd-va; KHENOKH, F.M., tekhn. red.

[Snow removal machines]Snegouborochnye mashiny. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1962. 122 p. (MIRA 16:3)
(Snow plows)

KARABAN, G.L., kand.tekhn.nauk

Designing snow-removal moldboards for sidewalk cleaning machines. Nov. tekh.zhil.-kom.khoz.: Blagoustr.gor.no. 2: 21-27 '62. (MIRA 17:6)

KARABAN, G.L.

Determining the power consumption of the brushes of brush-and-plow snow removing machinery. Nauch. trudy AKKH no.32:48-55 '64.

Determining the basic parameters of scraper type breakers of packed snow. Ibid.:82-92 (MIRA 19:1)

ACC NR: AP6035840 (A) SOURCE CODE: UR/0413/66/000/020/0049/0050

INVENTOR: Zasov, I. A.; Zorokhovich, I. Z.; Karaban, G. L.; Mnukhin. L. S.; Soroka, V. P.

ORG: none

TITLE: Self-propelled machine for removing ice from improved road surfaces Class 19, No. 187067

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 49-50

TOPIC TAGS: ~~airfield clearing,~~ airfield maintenance equipment, ~~highway clearing, highway ice removal~~, HIGHWAY ENGINEERING, ICE, SAFETY ENGINEERING

ABSTRACT: An Author Certificate has been issued for a vehicle for removing ice from improved road surfaces, consisting of a primary vehicle equipped with a chipping attachment, and of equipment for melting ice and drawing off the water. To improve the cleaning of the surface and prevent its damage, on the primary vehicle's frame is mounted a rotor-type chipping attachment with hammers. The hammers are located in spiral lines with overlapping gaps between them, and the rotor unit can be raised or lowered. The equipment for melting ice, located behind the rotor, has a cowl opening from below; in the upper part of the unit, in which the burners are located, blowing attachments are at the front wall, and at the rear wall, which is

Card 1/2 UDC: 625.768.5

ACC NR: AP6035840

made of an elastic material, is a suction attachment connected to a tank. To this tank is connected the ventilator suction pipe which supplies air to the blowing attachments. The ventilator's suction pipe can be equipped with a safety valve. Orig. art. has: 1 figure. [WH]

SUB CODE: 13,01 / SUBM DATE: 28Aug64

Card 2/2

ZORICH, A.S., inzh.; KARABAN, N.N., inzh.

Stand for testing steel construction elements. Sbor.trud. IUZHNII no.3:313-320 '59. (MIRA 13:7)
(Steel, Structural--Testing)